

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/050857

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C10G65/12 C10G45/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, API Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 272 729 A (SHELL INT RESEARCH) 29 June 1988 (1988-06-29) cited in the application figure IV column 1, lines 9-12 column 2, lines 36-44 column 2, line 50 - column 3, line 10 column 6, lines 46-53 column 7, lines 27-42 column 10, lines 43-46 column 11, lines 5-25 column 11, line 58 - column 12, line 6 ----- -/-	1-10
Y		1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

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- O• document referring to an oral disclosure, use, exhibition or other means
- P• document published prior to the International filing date but later than the priority date claimed

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- X• document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y• document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search	Date of mailing of the International search report
10 May 2005	19/05/2005
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Harf, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	US 3 876 522 A (CAMPBELL ET AL) 8 April 1975 (1975-04-08) figure 2; example 1 column 1, lines 46-66 column 4, lines 48-56 column 5, lines 1-4, 37-47 _____	1-10
Y	WO 02/50213 A (POLDER KEVIN JOHN ANTHONY ;GEUKEMA ARJEN PETER (NL); SHELL INT RES) 27 June 2002 (2002-06-27) cited in the application claim 1; figures 1,2; examples 1,2 page 7, lines 10-13,21-26 page 8, lines 16-25 page 13, line 24 - page 14, line 11 _____	1-10
A	US 4 605 488 A (GARWOOD WILLIAM E ET AL) 12 August 1986 (1986-08-12) figure 1 column 4, lines 43-50 column 5, lines 14-23 column 11, line 24 - column 12, line 6 _____	1-10
A	WO 97/18278 A (MOBIL OIL CORP) 22 May 1997 (1997-05-22) cited in the application claim 1; figures 1,2 page 7, lines 2-13 page 15, line 23 - page 16, line 6 _____	1-10

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Information on patent family members

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PCT/EP2005/050857

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